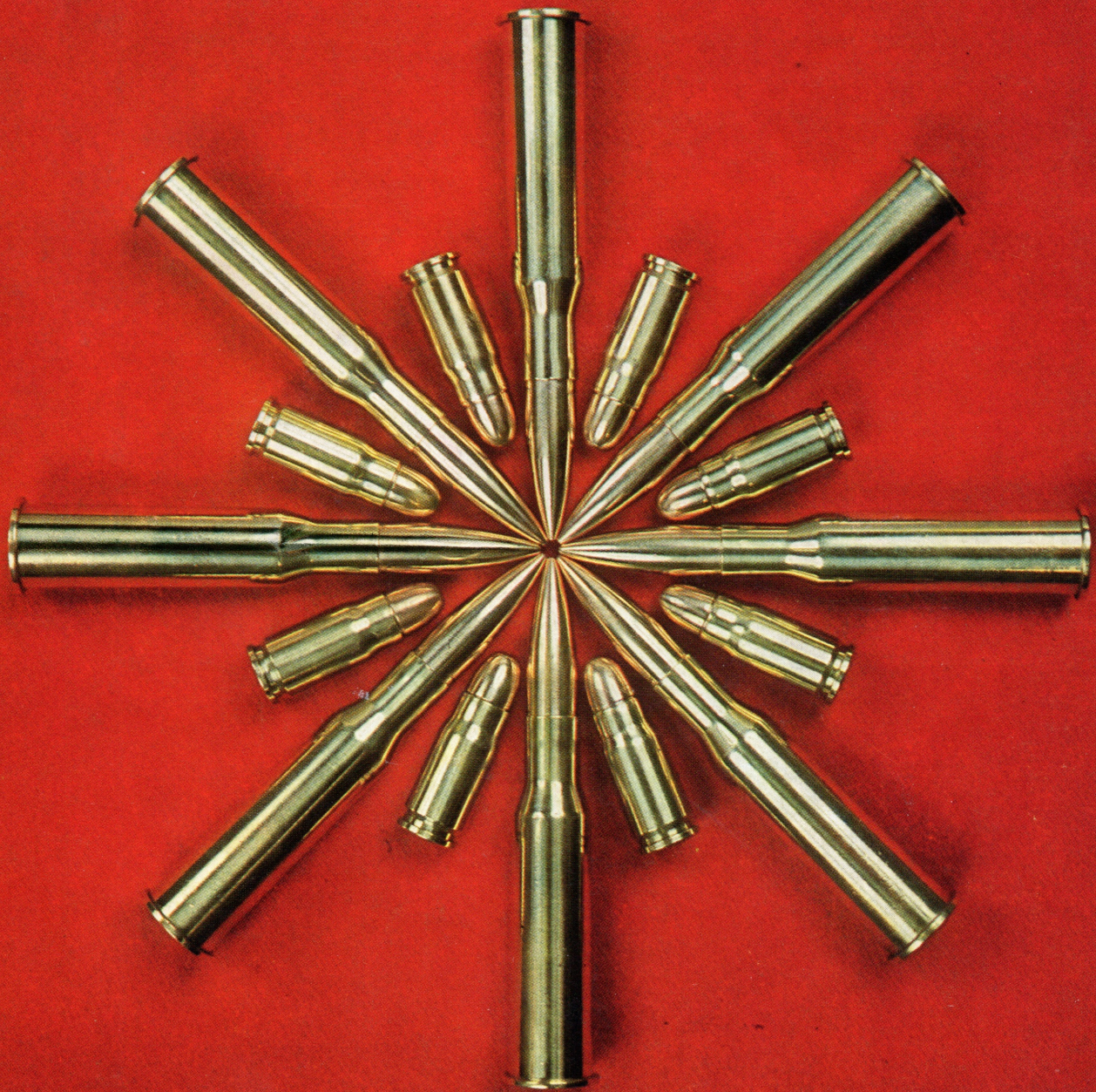


# LAPUA CARTRIDGES



LAPUAN PATRUUNATEHDAS, LAPUA,

FINLAND





RIFLE CARTRIDGES

Cartridge	American designation	Bullet	Bullet weight		Code	Packing		Velocity m/s							Energy (kpm)							Trajectory drop (cm)						Pressure kp/cm²
			g	grs		Box	Case	Muzzle	50 m	100 m	150 m	200 m	250 m	300 m	Muzzle	50 m	100 m	150 m	200 m	250 m	300 m	50 m	100 m	150 m	200 m	250 m	300 m	
5,6 × 39		Full jacket	2,75	42	S 335	20	1000	1100							170													2650
6,5 × 52 R	25—35 W	Soft pointed	5,65	87	E 291	20	1000	685	615	550	487	428	375	328	138	111	89	70	54	41	32	3,0	12,8	31,0	59,8	101,5	160,2	2050
6,5 × 52 R	25—35 W	Full jacket	5,65	87	F 292	20	1000	685	621	560	502	447	396	349	138	113	92	74	59	46	36	3,0	13,0	31,0	58,6	98,5	153,9	2100
6,5 × 52 R	25—35 W	Full jacket	5,65	87	F 292	20	1000	790	712	638	568	502	439	382	183	149	120	95	74	57	43	2,4	10,1	24,0	45,8	77,0	120,9	2100
6,5 × 55	6,5 Swedish	Full jacket	10,1	155	R 293	20	1000	705	671	637	605	574	543	513	258	234	211	190	171	153	137	2,6	11,1	25,5	46,8	75,5	112,2	2750
7 × 53 R		Full jacket	6,0	93	R 318	20	1000	945	845	748	655	569	488	413	273	218	171	131	99	73	52	1,6	6,5	16,2	31,4	54,5	87,6	2000
7 × 54		Full jacket	6,0	93	R 318	20	1000	940	843	749	658	574	495	421	270	217	172	132	101	75	54	1,6	7,1	17,1	33,0	56,0	89,4	2550
7 × 57	7 mm Mauser	Soft pointed	11,2	170	E 295	20	1000	720	673	628	585	543	502	463	296	259	225	195	168	144	122	2,6	10,8	25,5	47,0	77,2	117,0	3100
7,62 × 39 short		Full jacket	8,0	123	S 309	20	1000	725	675	627	581	536	493	452	214	186	160	138	117	99	83	2,6	11,1	28,1	48,4	79,2	120,0	2850
7,62 × 51	.308 W	Full jacket	9,7	150	B 334	20	1000	875	837	800	763	726	691	656	378	346	316	288	260	236	213	1,6	6,7	15,4	28,4	45,0	68,4	3250
7,62 × 51	.308 W	Full jacket	12,0	185	D 46	20	1000	760	731	703	674	647	620	594	353	327	302	278	256	235	216	2,4	9,8	22,4	40,4	64,5	94,5	3300
7,62 × 53 R	7,62 Russian	Soft pointed	11,3	175	E 314	20	1000	760	732	705	678	652	626	601	333	309	286	265	245	225	208	2,2	9,5	22,0	39,8	63,5	93,6	2800
		Full jacket	13,0	200	D 166	15	600	710	684	658	633	609	585	562	334	310	287	266	246	227	209	2,7	11,0	25,4	45,8	72,8	106,8	2900
		» »	10,8	165	S 283	15	600	770	740	711	682	653	626	599	326	301	278	256	235	216	197	2,2	9,3	21,4	39,0	62,5	92,1	2700
		» »	10,8	165	S 284	15	600	770	742	714	686	659	633	607	326	303	280	259	239	220	203	2,2	9,3	21,4	39,0	62,0	91,5	2700
		» »	12,0	185	D 46	20	1000	760	731	703	674	647	620	594	353	327	302	278	256	235	216	2,4	9,8	22,4	40,4	64,5	94,5	2900
		» »	12,0	185	D 46	20	1000	780	752	725	697	671	644	619	372	346	321	297	275	254	234	2,2	9,3	21,2	38,2	60,8	89,1	3200
		» »	12,0	185	D 47	20	1000	760	731	703	674	647	620	594	353	327	302	278	256	235	216	2,4	9,8	22,4	40,4	64,5	94,5	2900
		» »	12,0	185	D 47	20	1000	780	752	725	697	671	644	619	372	346	321	297	275	254	234	2,2	9,3	21,2	38,2	60,8	89,1	3200
8,2 × 57	8 × 57 JS	Soft pointed	12,7	195	E 297	20	1000	715	659	605	554	505	458	413	331	281	237	199	165	136	110	2,6	11,0	26,2	49,4	82,0	120,3	2650
8,2 × 53 R		Soft pointed	12,7	195	E 297	20	1000	700	645	593	543	494	448	404	317	269	228	191	158	130	106	2,9	12,1	28,6	53,8	88,8	135,9	2350

.22 RIMFIRE AMMUNITION

Cartridge	Bullet	Bullet weight		Packing		Velocity m/s			Energy (kpm)			Drop (cm)	
		g	grs	Box	Case	0 m	50 m	100 m	0 m	50 m	100 m	50 m	100 m
Long rifle cal.22 Championship	Lead, roundnose	2,69	42	50/500	10000	345	304	279	16,3	12,7	10,7	11,4	49,3
Long rifle cal. 22 Matchgrade	Lead, roundnose	2,59	40	50/500	10000	340	305	283	15,3	12,3	10,6	11,6	49,4
Long rifle cal. 22 Hollow Point	Lead, hollow point	2,35	36	50/500	10000	410	340	296	20,2	13,9	10,5	8,3	37,9
Short cal. 22	Lead, roundnose	1,80	28	50/500	10000	290	257	228	7,7	6,1	4,8	15,8	69,0
Short Indoor cal. 22	Lead, roundnose	1,80	28	50/500	10000	250	225	203	5,7	4,6	3,8	21,0	90,6

PISTOL AND REVOLVER CARTRIDGES

Cartridge		Bullet	Bullet weight		Packing		Muzzle Velocity m/s	Muzzle Energy kpm
European designation	American designation		g	grs	Box	Case		
6,35 Browning	.25 Auto	Full jacket	3,25	50	25	5000	209	7,2
7,65 Browning	.32 Auto	Full jacket	4,8	75	25	5000	256	16,0
7,65 Parabellum	.30 Luger	Full jacket	6,0	93	25	5000	403	49,7
9,0 Browning short	.380 Auto	Full jacket	6,1	95	25	5000	267	22,2
9,0 Parabellum	9 mm Luger	Full jacket	7,5	115	25	5000	300	34,4
.38 Special	.38 Special	Lead, wad cutter	9,95	148	50	2000	240	29,2



Lapuan Patruunatehdas programme also includes 22 calibre slaughtering and plug pistol cartridges and 6,3 × 16. cal. plug pistol cartridges of various strengths.

The world championship cartridges

Lapuan Patruunatehdas has impressive traditions as a manufacturer of precision cartridges for competitions, practice and hunting. The first world championship was won in 1930. Since then, the honours in the following list offer distinguished proof of the success of this Finnish product. Lapua cartridges are products which have shown how well they can compete on world markets, too. Their top-quality materials, scrupulous manufacture and ultramodern technology form the basis on which their reputation in Finland and abroad has developed.



# LAPUA CARTRIDGES

The record achieved by Finnish marksmen using cartridges made by Lapuan Patruunatehdas

## SMALL-BORE RIFLE CARTRIDGE 22 CAL.

### World championships

1958 Moscow	English match 30 + 30 shots	593
	40 shots, kneeling	391

### Olympic Gold Medals

1956 Melbourne	free pistol	556
1960 Rome	Olympic rapid-fire pistol, silver Medal	587/139
1964 Tokyo	» »	560
1964 Tokyo	Olympic rapid-fire pistol.	592/60

### European Championships

1956 Helsinki	Olympic rapid-fire pistol, team champ.	2867/300
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## FREE RIFLE CARTR. 7.62 × 53 R, D-46

### World championships

1930 Antwerp	40 shots, prone	389
	3 × 40 shots	1111
	40 shots, standing	359
1931 Lwow	40 shots, prone	393
1933 Granada	40 shots, prone	388
1935 Rome	Argentina Statuette, team win	5488
	40 × 30 shots	1111
1937 Helsinki	40 shots, standing	362
	40 shots, prone	391
1947 Stockholm	3 × 40 shots	1116
1949 Buenos Aires	Argentina Statuette, team win	5512
	3 × 40 shots	1118
	40 shots, standing	364
	40 shots, kneeling	375
1952 Oslo	40 shots, kneeling	381
	40 shots, prone	392
1956 Moscow	3 × 40 shots	1136

Estonian marksmen won the following world championships with Lapua cartridges:

1937 Helsinki	Argentina Statuette, team win	5526
	3 × 40 shots	1124
	40 shots, kneeling	381
1939 Lucerne	Argentina Statuette, team win	5433
	3 × 40 shots	1106
	40 shots	379

## SERVICE RIFLE CARTRIDGE

Finnish marksmen 1937 Helsinki	3 × 20 shots	1530
	20 shots, prone	188
Estonian marksmen 1937 Helsinki	20 shots, standing	172

As well as the above, Finns won a number of team world championships in various positions and in various years and have won a large number of Scandinavian contests and championships.